



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO	
09/838,328	04/20/2001	Ingvar Claesson	0104-0328P	1022	
2292	7590 07/12/2005		EXAM	EXAMINER	
BIRCH STEWART KOLASCH & BIRCH			TSAI, HENRY		
PO BOX 747 FALLS CHURCH, VA 22040-0747			ART UNIT	PAPER NUMBER	
	,		2183		
			DATE MAILED: 07/12/2005		

Please find below and/or attached an Office communication concerning this application or proceeding.

Application No. Application No. Application No. OJ/688,328 CLASSSON ET AL.			·			
Examiner Henry W.H. Tsai 2183 The MAILING DATE of this communication appears on the cover sheet with the correspondence address This application is abandoned in view of: 1. ☑ Applicant's failure to timely file a proper reply to the Office letter mailed on 27 October 2003. (a) ☐ A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply (including a total extension of time of monificially only of the period for reply (including a total extension of time of monificially only of the period for reply (including a total extension of time of monificially only of the period for reply (including a total extension of time of monificially only of the period for reply (including a total extension of time of monificially only of the period for reply (including a total extension of time of application in condition for allowance; (2) a timely filed tooktee of Appeal (with appeal fee); or (3) a timely filed Application in condition for allowance; (2) a timely filed voltace of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.) (c) ☐ A reply was received on but it does not constitute a proper reply, or a bona filed attempt at a proper reply, to the nonfinal rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below). (d) ☑ No reply has been received. (\(\lambda \) for more application fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85). (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the statutory period for payment of the issue fee (and publication fee, if applicable, has not been received. (b) ☐ The issue fee and publication fee, if applicable, has not been received. (c) ☐ The issue fee and publ		Application No.	Applicant(s)			
Henry W.H. Tsai 2183 - The MAILING DATE of this communication appears on the cover sheet with the correspondence address— This application is abandoned in view of:	Notice of Abandanment	09/838,328	CLAESSON ET AL.			
This application is abandoned in view of: 1. ☑ Applicant's failure to timely file a proper reply to the Office letter mailed on 27 October 2003. (a) ☐ A reply was received on	Notice of Apandonment		Art Unit			
This application is abandoned in view of: 1. ☑ Applicant's failure to timely file a proper reply to the Office letter mailed on 27 October 2003. (a) ☐ A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply (including a total extension of time of month(s)) which expired on (b) ☐ A proposed reply was received on but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection. (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (f) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114). (c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, lo the nonfinal rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below). (d) ☑ No reply has been received. (Note no expland fired hystoper reply, or a bona fide attempt at a proper reply, lo the nonfinal rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below). 2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTO-LeS). (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) is insufficient. A balance of \$ is due. The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) ☐ The issue fee and publication fee, if applicable, has not been received. 3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set i		Henry W.H. Tsai	2183			
1. ☑ Applicant's failure to timely file a proper reply to the Office letter mailed on 27 October 2003. (a) ☐ A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply (including a total extension of time of month(s)) which expired on, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection. (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114). (c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below). (d) ☑ No reply has been received. (Note no explact brief has been received After notice of Appeal fried Ap27/2ce4.) □ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85). (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85). (b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee and publication fee, if applicable, has not been received. 3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowancity (PTOL-37). (a) ☐ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. 1. ☐	The MAILING DATE of this communication app		orrespondence address			
 (a) ☐ A reply was received on (with a Certificate of Maling or Transmission dated), which is after the expiration of the period for reply (including a total extension of time of monthly) which expired on (b) ☐ A proposed reply was received on, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection. (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114). (c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the nonfinal rejection. See 37 CFR 1.85(e) and 1.111. (See explanation in box 7 below). (d) ☑ No reply has been received. (**Note no explact brief**) has been received after notice of appeal frief**) has been received after notice of appeal frief**). (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Malling or Transmission dated	This application is abandoned in view of:					
(A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.134. (c) ☐ A reply was received on but it does not constitute a proper reply, or a bona filed attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below). (d) ☑ No reply has been received. (Note no expand brief has been received after natice of appeal filed 4/27/2004.) 2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85). (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85). (b) ☐ The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ C. (c) ☐ The issue fee and publication fee, if applicable, has not been received. 3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) ☐ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) ☐ No corrected drawings have been received. 4. ☐ The letter of express abandonment which is signed by the attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 5. ☐ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the fili	(a) A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply (including a total extension of time of month(s)) which expired on					
application in condition for allowance; (2) at timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114). (c) A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below). (d) No reply has been received. (Note no expland for the proper reply has been received after natice of expending filed 4/27/2004.) 2. Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85). (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85). (b) The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) The issue fee and publication fee, if applicable, has not been received. 3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) No corrected drawings have been received. 4. The letter of express abandonment which is signed by an attorney or agent of record, the assignee of the entire interest, or all of the applicants. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 6. The decision by the Board of Patent Appeals						
final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below). (d) \(\text{N} \) No reply has been received. (Note no appeal brief has been received after natice of appeal filed 4/x7/204.) 2. \(\text{Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85). (a) \(\text{The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85). (b) \(\text{The issue fee required by 37 CFR 1.18 is \$\frac{1}{2}\$. The publication fee, if required by 37 CFR 1.18(d), is \$\frac{1}{2}\$. (c) \(\text{The issue fee and publication fee, if applicable, has not been received.} \) 3. \(\text{Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) \(\text{Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) \(\text{N} \) No corrected drawings have been received. 4. \(The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants. 5. \(\text{The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 6. \(\text{The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 7. \(\text{The letter of express abandonment which is signed by an attorney or agent of the decision has expired and there are no allowed claims.	application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for					
2. Applicant's failure to timety pay the required issue fee and publication fee, if applicable, within the statutory period of the Notice of Allowance (PTOL-85). (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated his value), which is after the expiration of the statutory period for payment of the Issue fee (and publication fee) set in the Notice of Allowance (PTOL-85). (b) The submitted fee of \$\ is insufficient. A balance of \$\ is due. The issue fee required by 37 CFR 1.18 is \$\ The publication fee, if required by 37 CFR 1.18(d), is \$\ (c) The issue fee and publication fee, if applicable, has not been received. 3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated (h), which is after the expiration of the period for reply. (b) No corrected drawings have been received. 4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 6. The decision by the Board of Patent Appeals and Interference rendered on (he decision has expired and there are no allowed claims. 7. The reason(s) below:	Final rejection Con 27 CED 4.05(a) and 4.444 (Con explanation in box 7 holow)					
2. Applicant's failure to timety pay the required issue fee and publication fee, if applicable, within the statutory period of the Notice of Allowance (PTOL-85). (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated his value), which is after the expiration of the statutory period for payment of the Issue fee (and publication fee) set in the Notice of Allowance (PTOL-85). (b) The submitted fee of \$\ is insufficient. A balance of \$\ is due. The issue fee required by 37 CFR 1.18 is \$\ The publication fee, if required by 37 CFR 1.18(d), is \$\ (c) The issue fee and publication fee, if applicable, has not been received. 3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated (h), which is after the expiration of the period for reply. (b) No corrected drawings have been received. 4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 6. The decision by the Board of Patent Appeals and Interference rendered on (he decision has expired and there are no allowed claims. 7. The reason(s) below:	(d) \(No reply has been received. (Note no appeal brief has been received after natice of appear					
	2. Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of timee months					
The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c)), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of					
(c) The issue fee and publication fee, if applicable, has not been received. 3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) No corrected drawings have been received. 4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. 7. The reason(s) below:	(b) The submitted fee of \$ is insufficient. A balance of \$ is due.					
3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) No corrected drawings have been received. 4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filling of a continuing application. 6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. 7. The reason(s) below: HENRY W. H. ISA1	The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$					
Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) No corrected drawings have been received. 4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. 7. The reason(s) below:	(c) \square The issue fee and publication fee, if applicable, has no	ot been received.				
after the expiration of the period for reply. (b) \(\) No corrected drawings have been received. 4. \(\) The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants. 5. \(\) The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 6. \(\) The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. 7. \(\) The reason(s) below: HENRY W. H. TSAI						
 4. ☐ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants. 5. ☐ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 6. ☐ The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. 7. ☐ The reason(s) below: HENRY W. H. ISAI 		_ (with a Certificate of Mailing or Tran	smission dated), which is			
the applicants. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. 7. The reason(s) below: HENRY W. H. TSAI	(b) ☐ No corrected drawings have been received.					
1.34(a)) upon the filing of a continuing application. 6. ☐ The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. 7. ☐ The reason(s) below: HENRY W. H. TSAI						
of the decision has expired and there are no allowed claims. 7. The reason(s) below: Continue of the decision has expired and there are no allowed claims. Continue of the decision has expired and there are no allowed claims. Continue of the decision has expired and there are no allowed claims. Continue of the decision has expired and there are no allowed claims. Continue of the decision has expired and there are no allowed claims. Continue of the decision has expired and there are no allowed claims.						
HENRY W. H. TSAI						
	7. The reason(s) below:	Venry Jun	6/30/05			
	HENRY W. H. TSAI					
			•			

Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.

U.S. Patent and Trademark Office
PTOL-1432 (Rev. 04-01)

Notice of Abandonment

Part of Paper No. 063005